

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|------|--|--|
| 1 | IS&R | L1 | 23 | (137/15.23).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 2 | IS&R | L2 | 112 | (137/15.17).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 3 | IS&R | L3 | 225 | (137/15.18).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 4 | BRS | L4 | 210 | 3 not (1 or 2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 5 | BRS | L5 | 1376 | (valves with pressure) with construction | USPAT |
| 6 | BRS | L6 | 8 | hubert adj2 laird | USPAT; USOCR |
| 7 | IS&R | L7 | 30 | (137/15.24).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 8 | BRS | L8 | 26 | 7 not (1 or 2 or 3 or 6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 9 | BRS | L9 | 0 | hubert adj2 laird | USPAT |
| 10 | IS&R | L10 | 423 | ((137/15.01) or (137/15.08) or (137/15.12)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 11 | BRS | L11 | 410 | 10 not (1 or 2 or 3 or 6 or 7) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 12 | IS&R | L12 | 582 | (251/264).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 13 | BRS | L13 | 578 | 12 not (1 or 2 or 3 or 6 or 7 or 10) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 14 | IS&R | L14 | 2762 | (251/326-329).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 15 | IS&R | L15 | 937 | (251/326).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |

| | Time Stamp | Comments | Error Definition | Errors |
|----|---------------------|----------|------------------|--------|
| 1 | 2005/05/28 14:34 | | | |
| 2 | 2005/05/28 12:50 | | | |
| 3 | 2005/05/28 13:45 | | | |
| 4 | 2005/05/28 13:45 | | | |
| 5 | 2005/05/28 13:25 | | | |
| 6 | 2005/05/28 13:48 | | | |
| 7 | 2005/05/28 13:45 | | | |
| 8 | 2005/05/28 13:50 | | | |
| 9 | 2005/05/28 13:48 | | | |
| 10 | 2005/05/28 13:50 | | | |
| 11 | 2005/05/28 14:34 | | | |
| 12 | 2005/05/28 15:26 | | | |
| 13 | 2005/05/28 15:27 | | | |
| 14 | 2005/05/28 15:27 | | | |
| 15 | 2005/05/28 15:27 | | | |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|-------|--|--|
| 16 | BRS | L16 | 921 | 15 not (1 or 2 or 3 or 6 or 7 or 10 or 12) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 17 | BRS | L17 | 1124 | 14 and (thread or threads or threaded or threading or tapping or tapped or tap or bolt or bolted or screw or screws or bolts or screwed or screwing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 18 | BRS | L18 | 1101 | 17 not (1 or 2 or 3 or 6 or 7 or 10 or 12) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 19 | BRS | L19 | 1125 | 14 and (thread or threads or threaded or threading or tapping or tapped or tap or bolt or bolted or screw or screws or bolts or screwed or screwing or taps) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 20 | BRS | L20 | 1 | 19 not 17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 21 | BRS | L21 | 68629 | (gate or slide or knife) adj2 (valve) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 22 | BRS | L22 | 94 | 21 with override | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 23 | BRS | L23 | 219 | 21 same override | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 24 | BRS | L24 | 124 | 23 not (1 or 2 or 3 or 6 or 7 or 10 or 12 or 19 or 22) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 25 | BRS | L25 | 1427 | 21 with (stuck or jam or jammed or break or broken or fail or failed or failure or failing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 26 | BRS | L26 | 839 | 25 and (thread or threads or threaded or threading or tapping or tapped or tap or bolt or bolted or screw or screws or bolts or screwed or screwing or taps) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |

| | Time Stamp | Comments | Error Definition | Errors |
|----|---------------------|----------|------------------|--------|
| 16 | 2005/05/28 16:59 | | | |
| 17 | 2005/05/28 16:48 | | | |
| 18 | 2005/05/28 15:40 | | | |
| 19 | 2005/05/28 17:05 | | | |
| 20 | 2005/05/28 16:49 | | | |
| 21 | 2005/05/28 16:50 | | | |
| 22 | 2005/05/28 17:02 | | | |
| 23 | 2005/05/28 16:58 | | | |
| 24 | 2005/05/28 17:05 | | | |
| 25 | 2005/05/28 17:04 | | | |
| 26 | 2005/05/28 17:05 | | | |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|------|--|--|
| 27 | BRS | L27 | 715 | 26 not (1 or 2 or 3 or 6 or 7 or 10 or 12 or 19 or 22 or 23) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 28 | BRS | L28 | 6 | ("2843152").URPN. | USPAT |
| 29 | BRS | L29 | 6 | ("2746470").URPN. | USPAT |
| 30 | BRS | L30 | 2 | ("2930577").URPN. | USPAT |
| 31 | IS&R | L31 | 1 | ("1675986").PN. | USPAT |
| 32 | BRS | L32 | 2 | ("1675986").URPN. | USPAT |
| 33 | IS&R | L33 | 1 | ("4408627").PN. | USPAT |
| 34 | BRS | L34 | 46 | ("1284063" "1577466" "2031151" "2853268" "2896541" "3042361" "3111137" "3290003" "3378224" "3463446" "3621878" "3958592" "4054156").PN. OR ("4408627").URPN. | US-PGPUB; USPAT; USOCR |
| 35 | BRS | L35 | 19 | ("2190412" "2745517" "4054156" "4060453" "4205704" "4408627" "4509549").PN. OR ("4669585").URPN. | US-PGPUB; USPAT; USOCR |
| 36 | BRS | L36 | 19 | ("2190412" "2745517" "4054156" "4060453" "4205704" "4408627" "4509549").PN. OR ("4669585").URPN. | US-PGPUB; USPAT; USOCR |
| 37 | BRS | L37 | 0 | 36 not (1 or 2 or 3 or 6 or 7 or 10 or 12 or 19 or 22 or 23 or 26 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 38 | BRS | L38 | 26 | ("2873761" "3933339" "4054156").PN. OR ("4205704").URPN. | US-PGPUB; USPAT; USOCR |

| | Time Stamp | Comments | Error Definition | Errors |
|----|---------------------|----------|------------------|--------|
| 27 | 2005/05/28 19:35 | | | |
| 28 | 2005/05/28 19:00 | | | |
| 29 | 2005/05/28 19:02 | | | |
| 30 | 2005/05/28 19:03 | | | |
| 31 | 2005/05/28 19:19 | | | |
| 32 | 2005/05/28 19:21 | | | |
| 33 | 2005/05/28 19:22 | | | |
| 34 | 2005/05/28 19:22 | | | |
| 35 | 2005/05/28 19:27 | | | |
| 36 | 2005/05/28 19:34 | | | |
| 37 | 2005/05/28 19:36 | | | |
| 38 | 2005/05/28 19:47 | | | |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|------|--|--|
| 39 | BRS | L39 | 7 | 38 not (1 or 2 or 3 or 6 or 7 or 10 or 12 or 19 or 22 or 23 or 26 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 40 | BRS | L40 | 69 | ("0997038" "1348604" "1412473" "1506012" "1727591" "2062126" "2241324" "2709897" "2800112" "2873761" "2997851" "3036807" "3136332" "3221770" "3333814" "3420262" "3621878" "3851658" "3895648").PN. OR ("4054156").URPN. | US-PGPUB; USPAT; USOCR |
| 41 | BRS | L41 | 48 | 40 not (1 or 2 or 3 or 6 or 7 or 10 or 12 or 19 or 22 or 23 or 26 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 38) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 42 | IS&R | L42 | 1 | ("4553648").PN. | USPAT |
| 43 | BRS | L43 | 27 | ("3947073" "4061215" "4205704" "4211312" "4380971" "4408627").PN. OR ("4553648").URPN. | US-PGPUB; USPAT; USOCR |
| 44 | BRS | L44 | 12 | 43 not (1 or 2 or 3 or 6 or 7 or 10 or 12 or 19 or 22 or 23 or 26 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 38 or 40) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 45 | BRS | L45 | 3 | ("997038").URPN. | USPAT |

| | Time Stamp | Comments | Error Definition | Errors |
|----|---------------------|----------|------------------|--------|
| 39 | 2005/05/28 19:38 | | | |
| 40 | 2005/05/28 19:37 | | | |
| 41 | 2005/05/28 19:47 | | | |
| 42 | 2005/05/28 19:47 | | | |
| 43 | 2005/05/28 19:47 | | | |
| 44 | 2005/05/28 19:48 | | | |
| 45 | 2005/05/28 19:48 | | | |